

AMENDMENTS

IN THE CLAIMS:

Please amend claims 20 and 22-26 as follows:

Sub E3  
20. (Amended) A fusion protein comprising (i) an antigenic protein isolated from Mycoplasma gallisepticum causing an antibody-antigen reaction with Mycoplasma gallisepticum immune serum or Mycoplasma gallisepticum infected serum and (ii) a signal polypeptide of Herpesvirus outer membrane protein, said signal polypeptide being ligated with said antigenic protein isolated from Mycoplasma gallisepticum at the N terminus thereof.

21. (Not Amended) A fusion protein according to claim 20, wherein a sequence of said antigenic protein is amino acids 64-456 of SEQ ID NO:2 or amino acids 693-1086 of SEQ ID NO:4.

22. (Amended) A fusion protein according to claim 20, wherein said signal polypeptide is isolated from a herpes virus showing infection to fowl.

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23. (Amended) A fusion protein according to claim 22, wherein said signal polypeptide is isolated from a Marek's disease virus.

24. (Amended) A fusion protein according to claim 23, wherein said signal polypeptide is gB protein isolated from a Marek's disease virus.

Sub E3  
25. (Amended) A recombinant Avipox virus in which a DNA coding for the fusion protein according to claim 20 has been inserted, said DNA comprising a first DNA sequence isolated from Mycoplasma gallisepticum and coding for an antigenic protein causing an antibody-antigen

reaction with Mycoplasma gallisepticum immune serum or Mycoplasma gallisepticum infected serum, and a second DNA sequence isolated from a Marek's disease virus gene coding for outer membrane protein gB.

26. (Amended) A recombinant live vaccine for anti-fowl Mycoplasma gallisepticum infection comprising as an effective ingredient a recombinant Avipox virus in which a DNA coding for the fusion protein according to claim 20 has been inserted, said DNA comprising a first DNA sequence isolated from Mycoplasma gallisepticum and coding for an antigenic protein causing an antibody-antigen reaction with Mycoplasma gallisepticum immune serum or Mycoplasma gallisepticum infected serum, and a second DNA sequence isolated from a Marek's disease virus gene coding for outer membrane protein gB, wherein the fusion protein is capable, upon administration into a host cell, of immunizing that cell against subsequent infection with Mycoplasma gallisepticum.